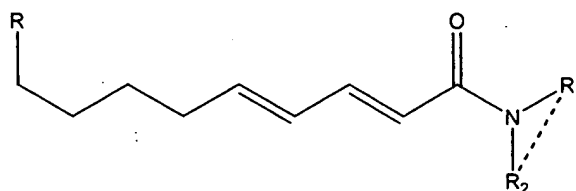


### ABSTRACT OF THE DISCLOSURE

Described are mixtures of at least four of the alkadienamides defined according to the structure:



wherein R represents C<sub>1</sub> – C<sub>2</sub> n-alkyl; R<sub>1</sub> is 2-methyl-1-propyl and R<sub>2</sub> is hydrogen, or R<sub>1</sub> and R<sub>2</sub> taken together is a moiety having the formula  $-(CH_2)_n-$  wherein n is 4 or 5, or compositions containing substantial concentrations of such mixtures, prepared according to novel processes: (a) extraction of a ground substantially dried fruit of one of the Piper species, *Piper longum* Linn or *Piper peepuloides*; (b) natural product-forming synthesis; or (c) synthetic product-forming synthesis. Also described are uses of the thus-formed products for augmenting, enhancing or imparting an aroma, taste, chemesthetic effect and/or antibacterial effect in or to a consumable material and/or in the oral cavity and/or on the mammalian epidermis.